First & Final Bill

BRNo-189 9/3/20.

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

SBRNo-189 9/3/20.

No:

Division: **R.R Nagar**

Date:

Sub- Division: **R.R Nagar** , Electrical

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No.

Name of Work (as per sanctioned estimate): **Providing Electrical M and R to park lighting at Ward no-16, RR Nagar Zone**

Name of Contractor and Full Adress: **Sri Kamalakannan Armugam Prop. Jaicab Electricals. No.132, A C Garden, 4th Cross, Lalbagh Road Bangalore-560027**

Work order No : EE/ELE/RRN/W.O/36/19-20, Dtd: 09-11-2019 **Budget Head:P0298**

Reference to Agreement : EE/ELE/RRN/AG/36/19-20, Dtd: 09-11-2019 **Job Code:016-19-000020**

Certified that the measurements were taken by me on 04/02 and recorded of page nos 365004 to 365008 of measurement Book No 3652/19-20 and that the work is satisfactorily executed.

For JAICAB ELECTRICALS

Proprietor

Contractor

Proforma invoice - 165383-00.
CGST @ 6%. - 9923-00
SGST @ 6%. - 9923-00.

Officer in charge of work

Certified that the measurements were checked by me on 04/02/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in columns 3 of Account II have been actually brought to Site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in the connection with item for finished work have been agreed upon and normal agreement signed and executed by the contractor is recorded in the office.

Sub-division Officer

II Memorandum of Payment

1) Total value of work done or supplies as per account within
2) Deduct amount to be held in re3serve being .....percent Rs.....
3) " Balance
4) Deduct payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....
      Amount adjusted towards cash advance recovery of
   b) Payments cost store or other material supplied.
      Now made recovery amount creditable to this/ other work
      Amount paid on this bill cheque/cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Voucher No..... dated.....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within
   Value of Government materials supplied

185229-00.

Adjustments Details

IT	1852-00.
CGST	1654-00.
SGST	1654-00.
CBF	185-00.
FSD	—
LC	1852-00.
FINE	—
OTHERS	—
TOTAL	7197-00.
NETT	178032-00.

For JAICAB ELECTRICALS

Contractors Signature

Received Rs.....(in words)

.....

by cash and adjustment of payment as per memorandum.

Witnesses :

1.

2.

Dated .....Signature of contractor

Paid by me by cheque No.....Dated .....

Cash Rs.....Dated.....

PROPRIETOR

For JAICAB ELECTRICALS

Stamp

PROPRIETOR

(For use in the office)

Passed for Rs. 185229-00 Only

Nett Cheque Rs 178032-00 Only

Adjustment Rs. 7197-00 Only

Rs in Words one lakhy seventy eighty thousand thirty two only.

Executive Engineer (Ele)

Initials of Officer making payment

Accts Supd. EE(E)

RRNZ RRNZ

BBMP BBMP

Name of the work :- Providing Electrical M and R to Park lightings at ward No.16 RR Nagara Zone.

	Items Grouped under sub Heads and sub works of the Estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
1	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand copper with low conductor resistence single core wire in open or consealed system of wiring wit specified IS-694:1990 & confirming to GTP of group A.A)1.5 sqmm	Per Mtr			12	18.60	223.20	12	223.20
2	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and "C" type curve, indicator ON/OFF,energy cross-3 with Short circuit breaking capacity of 10 K and complete wiring as required confirming to IEC 60898. .40-63 AMPS TPN	Each			1	1936.00	1936.00	1	1936.00
3	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.60-70Amps	Each			1	4774.00	4774.00	1	4774.00
4	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each			1	4586.00	4586.00	1	4586.00
5	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 4 core 16 sqmm	Per Mtr			80	140.40	11232.00	80	11232.00
6	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 6 sqmm to 16 sqmm	Per Mtr			80	10.80	864.00	80	864.00
7	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary)	Per Mtr			70	78.00	5460.00	70	5460.00
8	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. with Double door and Top Canopy 16SWG, 25000 sqcm Each (Dimension 900*600*214 mm)	sqcm			24500	0.33	8085.00	24500	8085.00
9	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint - 40x40x6mm	mtr			6	263.00	1578.00	6	1578.00
10	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 6 sqmm	Per Mtr			10	63.80	638.00	10	638.00

	Items Grouped under sub Heads and sub works of the Estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
11	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	No			1	2727.00	2727.00	1	2727.00
12	Supply and installation / Fixing / Provision for mounting of HRC Fuse/ MCB with suitable connector/ terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 SQmm/25 Sqmm 3.5 C Al/ Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof having internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and / or grommets. 200x200x98mm	Each			10	925.00	9250.00	10	9250.00
13A	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 16 sqmm	Each			25	11.31	282.75	25	282.75
13B	25 sqmm Long Barrel	Each			3	20.59	61.77	3	61.77
14	Supplying and fixing hylum plastic sheet 3mm thick with necessary nitches for fixing switches, regulators etc., and fixing on existing wood or metal box using N.F. screws.	Sq CM			3500	0.22	770.00	3500	770.00
15	LED Post Top Lantern GARDEN.Supply of LED Post Top Lantern with system ... wattage, housing & frame shall be of powder coated, die cast aluminum, diffuser with high density polyethylene IP65 EPDM Gasket. Life 50000 Hrs. @ L70 shall be conforming to IS 10322/Part 5/ Section 5 @ 230V. 5 years Warranty against any manufacturing defect working under standard electrical condition LED Post Top Lantern with 24 watts	Each			9	15930.00	143370.00	9	143370.00
16	Fixing charges of post top/ Gate/ Garden fitting /LED on the existing CI / GI or any other pipe using required size of reducer, wiring using suitable wires.	Each			9	145.00	1305.00	9	1305.00
17	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 6.7.2) 32Amps	Each			3	180.00	540.00	3	540.00
	Sub Total						**197682.72**		**197682.72**
	Deduct Tender Premium at 6.30% Below						**12454.01**		**12454.01**
	TOTAL						**185229.00**		**185229.00**

Rupees One Lakh Eighty Five Thousand Two Hundred and Twenty Nine Only

Certificate: Certified that this work carried out satisfactorily.

For JAICAB ELECTRICALS

AEE (Ele.)